

AMENDMENTS TO THE CLAIMS (THIS LISTING REPLACES ALL PRIOR LISTINGS):

1 to 9. (Canceled)

10. (Currently Amended) A data server, to which a portable terminal is connected via a network for receiving contents from a plurality of web servers that respectively provide the contents, comprising:

~~an image compressor for receiving the contents from the web servers and reducing sizes or number of colors of images according to standards of the portable terminal;~~

~~a proxy unit for monitoring the contents transmitted by the portable terminal or the web server, and when the contents transmitted by the web servers include image information, calling the image compressor; and~~

a proxy unit for determining whether a uniform resource locator (URL) received from the portable terminal is a channel URL associated with a set of URLs, each URL of the set being associated with content of a predetermined subject, and if so, requesting the contents associated with the respective URLs of the set from the plurality of web servers, monitoring the received contents received from the plurality of web servers in response to the requesting to determine whether any of the received contents include image information, and if any of the received contents include image information, calling an image compressor to convert the image information by reducing sizes or number of color of images according to standard of the portable terminal;

~~a channel generator for gathering the received a plurality of contents having a of the predetermined subject, provided by the web servers, and binding the gathered contents into a single channel of contents prior to transmission of the single channel of contents to the portable terminal, wherein the proxy unit checks whether a uniform resource locator (URL) input by the portable terminal is a channel URL that is of a set of URLs of a plurality of the web servers that provide the contents of a predetermined subject, and when the URL input by the portable terminal is a channel URL, the proxy unit calls the channel generator.~~

11. (Original) The data server of claim 10, further comprising a filter for filtering information that is inappropriate or not necessary for the portable terminal, from among the contents transmitted by the web servers.

12. (Canceled)

13. (Previously Presented) The data server of claim 10, wherein the channel generator inserts advertisement contents into the contents of the predetermined subject and channels them.

14. (Previously Presented) The data server of claim 10, wherein the web servers provide the contents to the data server via the network.

15. (Canceled)

16. (Previously Presented) The data server of claim 10, wherein the portable terminal includes a plurality of channel icons that respectively have channel URL information of a predetermined subject, and wherein a user sets a channel icon of the portable terminal and inputs the channel URLs.

17. (Original) The data server of claim 16, wherein the channel icon of the portable terminal is downloaded from the data server.

18. (Original) The data server of claim 16, wherein the portable terminal comprises a program for making or editing the channel icon.

19. (Original) The data server of claim 16, wherein the portable terminal receives the channel icon via a computer, the channel icon being made or edited by the user using the computer that includes the program for making or editing the channel icon.

20. (Currently Amended) In a service method of a network service system having a data server, to which a portable terminal is connected via the network for receiving contents from a plurality of web servers that provide the contents, a network service method comprising:

determining whether a uniform resource locator (URL) received from the portable terminal is a channel URL associated with a set of URLs, each URL of the set being associated with content of a predetermined subject, and if so, requesting the contents associated with the respective URLs of the set from the plurality of web servers;

monitoring the received contents received from the plurality of web servers in response to

the requesting to determine whether any of the received contents include image information, and if any of the received contents include image information, converting the image information by reducing sizes or number of color of images according to standard of the portable terminal;

gathering the received contents of the predetermined subject and binding the gathered contents into a single channel of contents prior to transmission of the single channel of contents to the portable terminal; and

~~requesting, when a uniform resource locator (URL) of a web server that provides the contents is input via the portable terminal, the contents from the web server corresponding to the input URL;~~

~~reducing sizes or number of colors of the images of the contents transmitted by the web server and compressing the images according to standards of the portable terminal so as to convert the contents; and~~

~~transmitting the converted single channel of contents to the portable terminal via the network;~~

~~wherein the service method further comprises checking whether the URL input by the portable terminal is a channel URL that is of a set of URLs of a plurality of web servers that provide contents of a predetermined subject; and~~

~~gathering, when the URL is of the channel URLs, the contents of the predetermined subject transmitted by the web servers and binding the contents into a single channel.~~

21. (Original) The network service method of claim 20, further comprising: filtering information that is inappropriate or not necessary for the portable terminal, from among the contents provided by the web server.

22. (Canceled)

23. (Previously Presented) The network service method of claim 21, wherein in the performance of channeling, advertisement contents are inserted into the contents of a predetermined subject and then a channeling step is performed on them.

24. (Previously Presented) In a network service system, to which a portable terminal is connected via the network for receiving contents from a plurality of web servers that provide the contents, a network service system comprising:

a data server for receiving the contents from the web servers, gathering the contents of a predetermined subject provided by the web servers and binding them into a single channel, processing the contents of the single channel to convert them according to standards of the portable terminal, and transmitting the single channel of converted contents to the portable terminal via the network; and

an advertisement server, connected to the data server via the network, for storing various advertisement contents.

25. (Original) The system of claim 24, wherein the data server comprises:

an image compressor for receiving the contents from the web servers, reducing sizes and number of colors of images of the contents and compressing the images according to standards of the portable terminal;

a filter for filtering information that is inappropriate or not necessary for the portable terminal from among the contents transmitted by the web server;

a channel generator for gathering the contents of a predetermined subject provided by the web servers and binding them into a single channel;

a user database for storing user data corresponding to user information input by the portable terminal; and

a proxy unit for monitoring the data transmitted by the portable terminal or the web server, and calling and controlling the image compressor, the filter and the channel generator according to the data.

26. (Original) The system of claim 25, wherein the proxy unit calls the image compressor when the contents transmitted by the web server include image information.

27. (Original) The system of claim 25, wherein the proxy unit checks whether a URL input by the portable terminal is a channel URL that is of a set of URLs of the web servers that

provide the contents of a predetermined subject, and in the case the URL input by the portable terminal is a channel URL, the proxy unit calls the channel generator.

28. (Original) The system of claim 25, wherein the channel generator inserts advertisement contents transmitted by the advertisement server into the contents of a predetermined subject provided by the web server and binds them.

29. (Original) The system of claim 28, wherein the proxy unit extracts user data corresponding to user information input by the portable terminal from the user database and transmits the extracted user data to the advertisement server, and the advertisement server transmits the advertisement contents based on the extracted user data to the proxy unit.

30. (Original) The system of claim 29, wherein the user information includes ID and passwords, and the user data include at least one of user's general information, electronic commerce information and previously transmitted advertisement information.

31. (Original) The system of claim 29, wherein the advertisement server is connected to the data server via an exclusive network.

32. (Original) The system of claim 29, wherein the advertisement server connected to the data server via the network is a web server of an advertisement contents provider.

33. (Original) The system of claim 29, wherein in the case the converted contents comprise a plurality of streams, the proxy unit controls timing of each transmission stream.

34. (Currently Amended) In a network service method of a network service system, to which a portable terminal is connected via the network for receiving contents from a plurality of web servers that provide the contents, a network service method comprising:

searching, when a uniform resource locator (URL) of a web server for providing the contents via the portable terminal and user information are input, a user database and extracting user data;

determining whether the inputted URL is a channel URL associated with a set of URLs, each URL of the set being associated with content of a predetermined subject, and if so,  
requesting the contents associated with the respective URLs of the set from the plurality of web  
~~server corresponding to an input URL,~~ and transmitting the extracted user data to an

advertisement server;

filtering information that is inappropriate or not necessary for the portable terminal from among the contents ~~transmitted by the web server; received from the plurality of web servers, the~~ filtering comprising reducing sizes or number of colors of images of the contents or compressing the images according to standards of the portable terminal, and inserting advertisement contents corresponding to the user data transmitted by the advertisement server into the filtered contents to convert the contents;

~~checking whether the URL input by the portable terminal is a channel URL that is of a set of URLs of a plurality of web servers that provide contents of a predetermined subject;~~

gathering the filtered contents of a the predetermined subject ~~provided by the web servers~~ and binding ~~them~~ the gathered contents into a single channel of contents; and

~~reducing sizes or number of colors of images of the contents or compressing the images according to standards of the portable terminal, and inserting advertisement contents corresponding to the user data transmitted by the advertisement server into the filtered contents to convert the contents; and~~

transmitting the single channel of ~~converted~~ contents to the portable terminal via the network.

35 to 46. (Canceled)